





Installation Instructions
JLT RAI Intake Kit for 2004-08 5.4L Ford F-150
RAI-FF54-0408



Thank you for purchasing our product. We hope you are satisfied with the look and performance.

ATTENTION: A computer tune specific for this intake is required when installing this kit. Failure to add a tune specific for the JLT intake may result in major engine damage.

*****DO NOT INSTALL KIT AND DRIVE WITHOUT A TUNE! *****

Please review complete instructions prior to installing.

Step#	
1	<p>Verify you have all of the following parts included in the kit: (1) 4"-3.5" 90 degree Rubber Reducing Elbow, (1) JLT MAF housing, (2) MAF screws, (1) 4x12" Oval Air Filter, (1) 056 Clamp, (1) 072 Clamp, (1) PCV hose, (1) JLT heat shield (2) Heat Shield Bolts If package purchased: SCT Tuner</p>
2	<p>Gather all of the following tools needed for the installation: 5/16 Nut Driver, 10mm Socket and Ratchet, #20 Torx Driver, and Phillips Head Screwdriver</p>
3	<p>Install Tune for JLT Intake – Refer To instructions included with Tuner.</p>
4	<p>Remove the stock intake from the throttle body to the air box.</p>
5	<p>Remove the stock MAF sensor from the stock air box and install into the JLT MAF housing using the supplied MAF screws.</p> 
6	<p>Install rubber elbow on to end of JLT MAF housing as shown. BE SURE ARROW ON MAF SENSOR IS POINTING TOWARD THE ELBOW/THROTTLE BODY</p> 

7	Install the JLT filter onto other end of the MAF housing.
8	Install JLT intake onto the throttle body. Remove the stock PCV hose from the valve cover and use the supplied hose to connect the PCV to the JLT.
9	<p>Check to see if your upper radiator hose clamp is pointed up. If so, using pliers, rotate to the right to help clear the heat shield. Install JLT heat shield onto your truck using the supplied bolts. Slide it under the filter and into position under the MAF housing just under the MAF sensor area. Use the forward most mounting holes for the stock air box.</p> 
10	<p>Plug in the MAF sensor and intake install is complete.</p> 

This kit includes an S&B Powerstack pre-oiled reusable air filter. The frequency you should clean your filter will depend on your driving conditions. It is recommended to check your filter at every oil change or 3,000 miles. If there is a build up of dirt as thick as the wire mesh, then it's time to clean your filter. As dirt builds up on your filter, the restriction of the airflow also increases. More frequent cleanings will improve your fuel economy and your vehicle's performance.

To properly clean your filter, we recommend the S&B Precision Cleaning & Oiling Kit (located in the Parts Sold Separately Section of our website, www.JLTtruecoldair.com).

For all SCT tuning questions, contact SCT tech at support@sctflash.com, Q&A forums at www.sctflash.com/forum/index.php, or call 407.774.2447.

Thanks for the business. If you have any questions, please e-mail Jay@JLTtruecoldair.com or call 757-335-1940. Our hours are 8:00am – 5:00pm Monday-Friday Eastern Time.

Warranty: JLT Performance Inc. will repair or replace any part of their product found upon our inspection to be defective in workmanship or material within 1 year from the purchase date for the original purchaser.

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